



## United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS P.C. Dox 1450 Alexandria, Virginia 22313-1450 www.usplo.gov

APPLICATION NUMBER

FILING OR 371 (c) DATE

FIRST NAMED APPLICANT

ATTORNEY DOCKET NUMBER

10/690,216

10/21/2003

Joseph A. Lang

3191E0001CPG

27572 HARNESS, DICKEY & PIERCE, P.L.C. P.O. BOX 828 BLOOMFIELD HILLS, MI 48303



CONFIRMATION NO. 2343
FORMALITIES LETTER
\*OC000000011734143\*

Date Mailed: 01/22/2004

# NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

08/20/2004 LWONDIM1 00000022 10690216

FILED UNDER 37 CFR 1.53(b)

01 FC:1001 02 FC:1051 03 FC:1202 770.00 OP 130.00 OP 126.00 OP

Filing Date Granted

### **Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
   Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- The oath or declaration is missing.

  A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
  - The drawings have a line quality that is too light to be reproduced (weight of all lines and letters must be heavy enough to permit adequate reproduction) or text that is illegible (reference characters, sheet numbers, and view numbers must be plain and legible) see 37 CFR 1.84(I) and (p)(1)); See Figure(s) 19.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

• Additional claim fees of \$126 as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

#### **SUMMARY OF FEES DUE:**

Total additional fee(s) required for this application is \$1026 for a Large Entity

- \$770 Statutory basic filing fee.
- \$130 Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is \$126
  - \$126 for 7 total claims over 20.

#### **Items Required To Avoid Processing Delays:**

The item(s) indicated below are also required and should be submitted with any reply to this notice to avoid further processing delays.

• Proof of authority of the legal representative under 37 CFR 1.44.

Replies should be mailed to:

Mail Stop Missing Parts

Commissioner for Patents

P.O. Box 1450

Alexandria VA 22313-1450

A copy of this notice <u>MUST</u> be returned with the reply.

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

· PTO/SB/21 (04-04)

Under the P	aperwork Reduction Act of	f 1995, no persor	U.S. Patent and Tra	Approved for use through 07/31/2006. OMB 0651-0031 ademark Office: U.S. DEPARTMENT OF COMMERCE information unless it displays a valid OMB control number.		
TRANSMITTAL FORM			Application Number	10/690,216		
			Filing Date	October 21, 2003		
			First Named Inventor	Joseph A. Lang et al.		
(to be used for all co	rrespondence after initi	al filing)	Art Unit	3683		
		i	Examiner Name	To Be Assigned		
Total Number of Pages	in This Submission		Attorney Docket Number	3191E-000001/COG		
		ENCLO	SURES (check all that apply)			
Fee Transmittal Fo	orm	☐ Drawin	g(s)	After Allowance Communication to Technology Center (TC)		
Fee Attached		Licensing-related Papers		Appeal Communication to Board of Appeals and Interferences		
Amendment / Reply		Petition	1	Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)		
After Final		Petition to Convert to a Provisional Application		Proprietary Information		
Affidavits/declaration(s)		Power of Attorney, Revocation Change of Correspondence Address		Status Letter		
Extension of Time Request		Terminal Disclaimer		Other Enclosure(s) (please identify below):		
☐ Express Abandonment Request ☐ Information Disclosure Statement		Request for Refund  CD, Number of CD(s)		Copy of Notice to File Missing Parts of Nonprovisional Application, Petition Under 37 CFR 1.47, Exhibit A, executed Declaration and Power of Attorney, copy of executed Assignment, and return postcard.		
Certified Copy of Priority Document(s)  Response to Missing Parts/ Incomplete Application  Response to Missing Parts under 37 CFR		Remarks  The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Depote Account No. 08-0750. A duplicate copy of this sheet is enclosed.		red under 37 CFR 1.16 or 1.17 to Deposit		
1.52 or 1.53						
Firm	SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Attorney Name Reg. No.					
or Individual name	or Harness, Dickey & Pierce, P.L.C		Attorney Name Joseph M. Lafata	37,166		
Signature Aldahat						
Date / Aug/18, 2004						
	/c	ÉRTIFICAT	E OF TRANSMISSION/MAII	ING		
I hereby certify that th	is correspondence	is being facs	imile transmitted to the USPTO	or deposited with the United States Postal		

Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Joseph M. Lafata	Express Mail Label No.	EV 533 145 562 US (8/18/2004)
Signature	AUTEMA	Date	Aug 18, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S. 2.122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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### FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

3036

OTAL AMOUNT OF PAYMENT	(\$)
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Complete If Known			
Application Number	10/690,216		
Filing Date	October 21, 2003		
First Named Inventor	Joseph A. Lang et al.		
Examiner Name	To Be Assigned		
Art Unit	3683	•	
Attorney Docket No.	3191E-000001/COG		

METHOD OF PAYMENT (check all that apply)	FEE CALOUR ATION (And the state of the state					
WETHOD OF PATMENT (CHeck all that apply)	FEE CALCULATION (continued)  3. ADDITIONAL FEES					
☑ Check ☐ Credit card ☐ Money ☐ Other ☐ None Order		Entity	Small			
☐ Deposit Account:						
Deposit	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description F	Fee Pald
Account 08-0750	1051	130	2051	65	Surcharge - late filing fee or oath	130
Number	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
Deposit	1053	· 130	1053	130	Non-English specification	
Account Harness, Dickey & Pierce, P.L.C. Name	1812	2,520	1812	2,520	For filing a request for reexamination	
The Director is authorized to: (check all that apply)	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
☐ Charge fee(s) indicated below ☑ Credit any overpayments ☑ Charge any additional fee(s) during the pendency of this application	1805	1,840*	,1805	1,840*	Requesting publication of SIR after Examiner action	
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1251	110	2251	55	Extension for reply within first month	
FEE CALCULATION	1252	420	2252	210	Extension for reply within second month	
1. BASIC FILING FEE	1253	950	2253	475	Extension for reply within third month	
Large Entity   Small Entity Fee Fee Fee Fee Fee Description	1254	1,480	2254	740	Extension for reply within fourth month	
Code (\$) Code (\$) Fee Paid	1255	2,010	2255	1,005	Extension for reply within fifth month	2010
1001 770 2001 385 Utility filing fee 770	1401	330	2401	165	Notice of Appeal	
1002 340 2002 170 Design filing fee	1402	330	2402	165	Filing a brief in support of an appeal	
1003 530 2003 265 Plant filing fee	1403	290	2403	145	Request for oral hearing	
1004 770 2004 385 Reissue filing fee 1005 160 2005 80 Provisional filling fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
100 100 E000 00 1 TOVISIONAL MINING 100	1452	110	2452	55.	Petition to revive - unavoidable	·
SUBTOTAL (1) (\$) 770	1453	1,330	2453	665	Petition to revive - unintentional	
	1501	1,330	2501	665	Utility issue fee (or reissue)	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1502	480	2502	240	Design issue fee	
Extra Fee from Fee Claims below Paid	1503	640	2503	320	Plant issue fee	
Total Claims 27 -20 ** = 7 X 18 = 126	1460	130	1460	130	Petitions to the Commissioner	
Independent	1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
Claims 3 -3** = 0 X = 0	1806	180	1806	180	Submission of Information Disclosure Stmt	
Dependent X = 0  Large Entity   Small Entity	8021	40 .	8021	40	Recording each patent assignment per property (times number of	
Fee Fee Fee Fee	1809	770	2809	385	properties)	<b>——</b>  ·
Code (\$) Code (\$) Fee Description	1009	′′′	2609	365	Filing a submission after final rejection (37 CFR § 1.129(a))	
1202 18 2202 9 Claims in excess of 20	1810	770	2810	385	For each additional invention to be	
1201 86 2201 43 Independent claims in excess of 3					examined (37 CFR § 1.129(b))	
1203 290 2203 145 Multiple dependent claim, if not paid	1801	770	2801	385	Request for Continued Examination (RCE)	
1204 86 2204 43 ** Reissue independent claims over original patent	1802	900	1802	900	Request for expedited examination	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent					of a design application	_
	Other fee (specify)					
SUBTOTAL (2) (5) 126						
*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 2140						
**or number previously paid, if greater; For Reissues, see above						
SUBMITTED BY					Complete (Harris Hart)	=

Registration No. Name (Print/Type) Telephone 248-641-1600 Signature

WARNING: Information on this term/may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.